

# Galaxy Colour Chem

Industrial Chemical Trading

Rajkot, Gujarat | Est. 2001 | Commissioner & PESO Licensed

GST: 24AHEPK9990Q1ZF | +91 97253 88415 | galaxycolorchem@gmail.com

PRODUCT DATASHEET

## Diethylene Glycol

$C_4H_{10}O_3$  | CAS 111-46-6

### Specification Table

Test Description	Min	Max	Unit	Test Method
Diethylene Glycol	99.5	—	%(w/w)	—
Water	—	0.1	%(w/w)	—
Acidity (as Acetic Acid)	—	0.005	%(w/w)	—
Iron	—	0.5	ppm	—
Ash	—	0.005	%(w/w)	—
Appearance	Clear	—	Visual	—
Specific Gravity 20/20°C	1.117	1.119	—	—
Distillation Range at 760 mmHg	242	250	°C	—

Note: Physical properties are not monitored constantly. Values represent standard specification limits.

### Applications

<b>Polyester Resins</b> Monomer in unsaturated polyester and alkyd resin production for coatings and composites.	<b>Polyurethane</b> Diol component in flexible and rigid polyurethane foam formulations.
<b>Natural Gas Dehydration</b> Glycol absorbent for moisture removal in natural gas processing.	<b>Plasticizer</b> Plasticizing agent for cellulose-based materials, cork, and casein products.
<b>Textile Lubricant</b> Lubricant, softener, and sizing agent in fibre and yarn processing.	<b>Morpholine Production</b> Chemical intermediate in synthesis of morpholine and related compounds.
<b>Solvents</b> High-boiling solvent and coupling agent for dyes, resins, and printing pastes.	<b>Brake Fluids</b> Hygroscopic base component in DOT brake fluid formulations.